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SPECIFICATION SHEET

Chinese Skullcap Root Tea Bag Cut

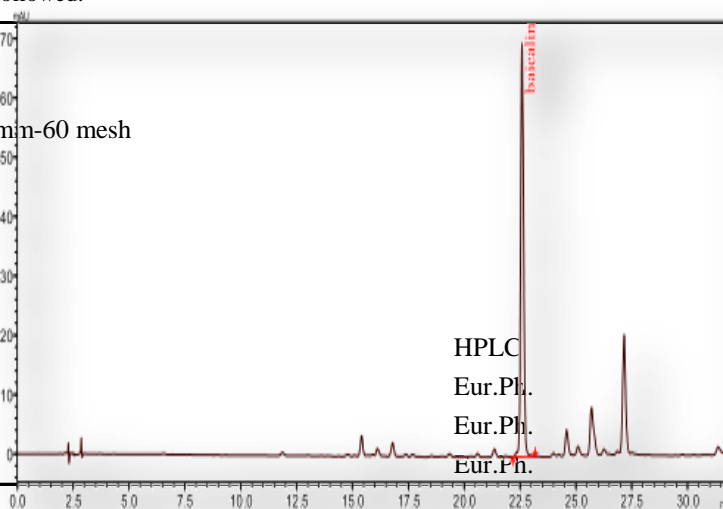
General Information	
Other Names	: Baical Skullcap Root, Baikal Skullcap Root, Scutellariae Baicalensis Radix, Radix Scutellariae
Definition	: Chinese Skullcap Root consists of the dried roots of Scutellaria baicalensis Georgi (Family Lamiaceae) collected in spring or autumn by removing fibrous roots and rough skin.
Part Used	: Root
Botanical/Scientific Name	: Scutellaria Baicalensis L.
GM Status	: Not Genetically modified
Allergen Status	: Not Allergen
Cultivated/Wild	: Cultivated
Country Of Origin	: China
Harvesting Period	: Spring and Autumn
Treatment After Harvesting	: Drying
Sanitising Treatment After Harvesting	: None
H.S.Code	: 1211.90



ITEMS	SPECIFICATION	METHOD
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Physical & Chemical Data	
Macroscopic/microscopic ID	: The root is conical, twisted and, if not reduced in size, 8-25 cm long and 1-3 cm in diameter. The outer surface is brownish-yellow or dark yellow, bearing sparse, warty traces of rootlets, the upper part rough, with twisted longitudinal wrinkles or irregular reticula, the lower part with longitudinal striations and fine wrinkles. Texture hard and fragile, easily broken, fracture yellow, reddish-brown in the centre; the central part of an old root dark brown or brownish-black, withered or hollowed.

Analytical Quality	
HPLC CHROMATOGRAMS	
Fine Cut (F/C cut)	: 2mm-60mesh, 1.6mm-60 mesh
Tea Bag Cut (T/B cut)	: 2.5mm-60 mesh
Medium Cut	: 5mm-30 Mesh
Coarse Cut	: 5mm-30 Mesh
Extraction Cut	: 8mm-30 Mesh
Baicalin	: $\geq 9.0\%$
Loss on Drying	: $\leq 12.0\%$
Total ash	: $\leq 6.0\%$
Ash insoluble in hydrochloric acid	: $\leq 2.0\%$



Contaminants	
Lead (Pb)	: ≤ 2.0 mg/kg
Arsenic (As)	: ≤ 2.0 mg/kg
Cadmium (Cd)	: ≤ 1.0 mg/kg
Mercury (Hg)	: ≤ 0.1 mg/kg
Pesticides Residue	: Meet USP Requirements

Packing & Storage	: Packed in PP Bag /Carton and two plastic-bags inside. N.W:10-30kgs Store in a well-closed container. Away from moisture, light, oxygen.
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Shelf life	: 24 months under the conditions above and in its original packaging.
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